

Application. No. 09/687,897

REMARKS

This is in response to the Office Action of 26 January 2005. Claims 1-12 are pending in the application; Claim 1 has been rejected, Claims 4-5 have been objected to, and Claims 2-3 and 6-12 have been allowed.

By this amendment, Claim 1 has been cancelled, and Claim 4 has been amended to overcome the objection.

No new matter has been added.

In view of the amendments above and remarks below, Applicants respectfully request reconsideration and further examination.

About The Invention

The present invention relates generally to electronic circuits, and more particularly relates to structures and methods for selecting one signal, such as a clock signal, from a number of other signals. Various embodiments of the present invention are advantageously constructed and operated such that entry into any of several undesired states are now recoverable events.

For example, in the circumstance that the rising edge of a selection signal is missed, leading to a state in which all the enable (i.e., validation) signals are inactive, this state is detected and responsive thereto all the latches that are connected to the select signals are clocked (i.e., the attribution process). In this way, an early detection of a missed selection signal is determined, and the present invention responds by clocking all the latches so as to effectively re-sample the state of the select signals.

Allowed Claims

Claims 2-3, and 6-12 have been allowed.

Objection to Claims 4-5

The Examiner has objected to Claims 4-5 as being dependent upon a rejected base Claim, but states that these Claims would be allowable if rewritten in independent

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form including all of the limitations of the base Claim and any intervening Claims.

By this amendment, Claim 4 has been rewritten to be in independent format including the limitations of its base Claim (i.e., Claim 1). In view of this amendment, Applicant respectfully submits that the objections to Claim 4 and Claim 5, which depends from Claim 4, have been overcome.

Rejections under 35 USC 102(b)

Claim 1 has been rejected under 35 USC 102(b) as being anticipated by Maher (US Patent 4,853,653).

Claim 1 has been cancelled. In view of this amendment, Applicant respectfully submits that the rejection under 35 USC 102(b) has been rendered moot.

Conclusion

All of the objections and rejections in the outstanding Office Action of 26 January 2005 have been responded to, and Applicant respectfully submits that the pending Claims 2-12 are now in condition for allowance.

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

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